

SHARP TROUBLE & ERROR CODES SF-2216

[9] SELF DIAGNOSTICS

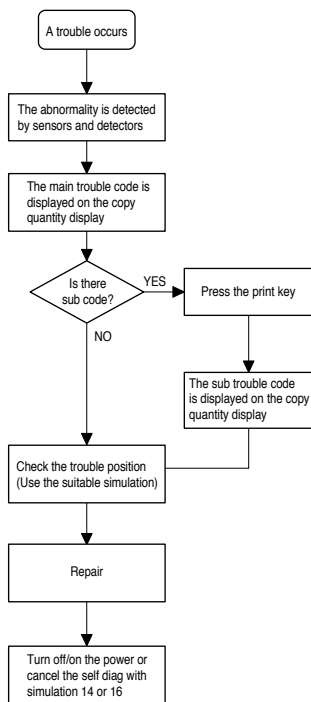
1. Summary/purpose

This model has the self diag function for the following purposes:

- 1) When a trouble occurs in the machine, the machine detects the trouble and displays the trouble content on the copy quantity display to alert the customer and the serviceman.
- 2) When any abnormality is detected, the power supply line is cut off immediately for safety and to protect the machine from damage.

2. Operation

The self diag content is displayed in the following procedure.



3. Clearing the self diag display

After repairing the trouble section, clear the self diag display according to the table below:

Clearing the self diag display

Self diag display	Display clearing procedure
L1, L3, L4, L5, L8, U5, F1, F2, EE, P	Turn off/on the power.
H2, H3, H4	Execute simulation 14.
U2	Execute simulation 16.
CH, PC	When the trouble is cancelled, the display is cleared.

SHARP TROUBLE & ERROR CODES

SF-2040

Trouble code	Sub code	Content	Condition
L1	00	Mirror feed trouble	<ul style="list-style-type: none"> When initializing, MHPS is not turned off within 1.5 sec from starting feeding of the mirror. When copying, MHPS is not turned off within 0.5 sec from starting feeding of the mirror. When feeding the mirror is started during copying, the mirror is not at the home position (MHPS is turned off).
L3	00	Mirror return trouble	<ul style="list-style-type: none"> When initializing, MHPS is not turned on within 2.5 sec from starting returning of the mirror. When copying, MHPS is not turned on within 2 sec from starting returning of the mirror.
L4	01	Main motor trouble	<ul style="list-style-type: none"> During rotation of the main motor, MMRE (encoder) pulse is not sensed for more than 0.05 sec.
L5	02	Lens trouble	<ul style="list-style-type: none"> The lens shift operation is not completed within 10 sec from starting. When the lens is moving to the home position (normal position), LHPS is not sensed even though the lens is shifted by the specified steps.
L8	01	Zero cross pulse (FW) trouble	<ul style="list-style-type: none"> The zero cross pulse width is shifted more than 10%.
	03	AE sensor trouble	<ul style="list-style-type: none"> When the AE sensor characteristics measurement (simulation 47) is executed, the AE sensor input does not change.
H2	00	Fusing thermistor open detection	<ul style="list-style-type: none"> The thermistor (TH) input value exceeds 4.07V.
H3	00	Fusing high temperature trouble	<ul style="list-style-type: none"> The fusing temperature is sensed as abnormally high as 240 degrees C (thermistor input value 0.38V or less).
H4	00	Fusing low temperature trouble	<ul style="list-style-type: none"> When warming up, the ready temperature is not reached within 90 sec. When controlling the temperature after completion of warm up, the fusing temperature (set temperature) is sensed as -40°C or less.
U2	01	Backup memory trouble	<ul style="list-style-type: none"> The counter addition value and the check sum value are different from each other.
	04	Backup IC (EEPROM) access error	<ul style="list-style-type: none"> Data read/write to the backup IC (EEPROM) cannot be performed.
U5	00	ADF communication error	<ul style="list-style-type: none"> An error occurred in communication of the ADF and the main unit.
	01	Resist sensor, resist width sensor adjustment trouble	<ul style="list-style-type: none"> When executing the resist sensor and the resist width sensor adjustment (simulation 53-4), the adjustment value is outside the specified range.
	02	Paper exit/reverse sensor adjustment trouble	<ul style="list-style-type: none"> When executing the paper exit/reverse sensor adjustment (simulation 53-5), the adjustment value is outside the specified range.
	05	Timing sensor adjustment trouble	<ul style="list-style-type: none"> When the timing sensor adjustment (SIM 53-6) is executed, the adjustment value is outside the adjustment range.
	11	Paper feed motor trouble	<ul style="list-style-type: none"> During rotation of the paper feed motor, the rotation pulse is not sensed for 0.1 sec or more.
	16	ADF fan motor	<ul style="list-style-type: none"> The ADF fan motor lock signal is sensed continuously for 2 sec.
F1	00	Sorter communication error	<ul style="list-style-type: none"> An error occurred in communication between the sorter and the main unit.
	02	Transport motor trouble	<ul style="list-style-type: none"> During rotation of the transport motor, the rotation pulse is not sensed for 0.5 sec or more.
	04	Bin upper limit/lower limit trouble	<ul style="list-style-type: none"> When shifting the bins, the upper limit or the lower limit is erroneously sensed.
	05	Bin home sensor trouble	<ul style="list-style-type: none"> When initializing the bins, the bin home sensor is not sensed within 1 sec.
	06	Bin motor trouble	<ul style="list-style-type: none"> During rotation of the bin motor, the rotation pulse is not sensed for 0.5 sec or more.
	14	Take-out sensor trouble	<ul style="list-style-type: none"> When the take-out sensor A/D input value is 3V or more.
	16	Grasping motor trouble	<ul style="list-style-type: none"> During rotation of the grasping motor, the rotation pulse is not sensed for 0.05 sec.